

PTO-1449 REPRODUCED

INFORMATION DISCLOSURE CITATION
IN AN APPLICATION

May 25, 2000

(use several sheets if necessary)

ATTORNEY DOCKET NO.
2108.1001-004
(JCS96-01Z)APPLICATION NO.
09/398,405APPLICANT
John C. SalernoFILING DATE
September 16, 1999GROUP
1642

U.S. PATENT DOCUMENTS

EXAM- INER INI- TIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE IF APPROPRIATE
KAC	AA	5,268,465	12/07/93	Bredt, et al.	435	252.3	01/18/91
KAC	AB	5,498,539	03/12/96	Harrison, et al.	435	240.2	07/02/92
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION YES NO
KAC	AL	WO 93/18156	16-SEP-93	PCT			
KAC	AM	WO 94/12645	09-JUN-94	PCT			
	AN						
	AO						
	AP						
	AQ						

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

KAC	AR	Jarrett, H., et al., "Calmodulin-binding Proteins Also Have a Calmodulin-like Binding Site within Their Structure," <i>The Journal of Biological Chemistry</i> , 266(1): 362-371 (1991).
KAC	AS	Moncada, S., et al., "Endogenous nitric oxide: physiology, pathology and clinical relevance," <i>European Journal of Clinical Investigation</i> , 21: 361-374 (1991).
KAC	AT	Brickey, D., et al., "Mutational Analysis of the Autoinhibitory Domain of Calmodulin Kinase II," <i>The Journal of Biological Chemistry</i> , 269(46): 29047-29054 (1994).

EXAMINER

Karen A. Gamella

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KAC	AU	Nishimura, J., et al., "Modular Structure of Neuronal Nitric Oxide Synthase: Localization of the Arginine Binding Site and Modulation by Pterin," <i>Biochemical and Biophysical Research Communications</i> , 210(2): 288-294 (1995).
	AV	Venema, R., et al., "Identification, Characterization, and Comparison of the Calmodulin-binding Domains of the Endothelial and Inducible Nitric Oxide Synthases," <i>The Journal of Biological Chemistry</i> , 271(11): 6435-6440 (1996).
	AW	Madison, D., et al., "Pass the Nitric Oxide," <i>Proc. Natl. Acad. Sci. USA</i> , 90: 4329-4331 (1993).
	AX	Garvey, E., et al., "Potent and Selective Inhibition of Human Nitric Oxide Synthases," <i>The Journal of Biological Chemistry</i> , 269(43): 26669-26676 (1994).
	AY	Ignarro, L., et al., "Endothelium-derived relaxing factor produced and released from artery and vein is nitric oxide," <i>Proc. Natl. Acad. Sci. USA</i> , 84: 9265-9269 (1987).
	AZ	Nathan, C., et al., "Role of nitric oxide synthesis in macrophage antimicrobial activity," <i>Current Opinion in Immunology</i> , 3: 65-70 (1991).
	AR2	Ignarro, L., et al., "Nitric Oxide and Cyclic GMP Formation Upon Electrical Field Stimulation Cause Relaxation of Corpus Cavernosum Smooth Muscle," <i>Biochemical and Biophysical Research Communications</i> , 170(2): 843-850 (1990).
	AS2	Abu-Soud, H., et al., "Nitric oxide synthases reveal a role for calmodulin in controlling electron transfer," <i>Proc. Natl. Acad. Sci. USA</i> , 90: 10769-10772 (1993).
	AT2	Lowenstein, C. and Snyder, S., "Nitric Oxide, A Novel Biologic Messenger," <i>Cell</i> , 70: 705-707 (1992).
	AU2	Green, I., et al., "Effects of cytokines and nitric oxide donors on insulin secretion, cyclic GMP and DNA damage: relation to nitric oxide production," <i>Biochemical Society Transactions</i> , 22: 30-36 (1994).
	AV2	Bredt, D., et al., "Cloned and expressed nitric oxide synthase structurally resembles cytochrome P-450 reductase," <i>Nature</i> , 351: 714-718 (1991).
✓	AW2	Janssens, S., et al., "Cloning and Expression of a cDNA Encoding Human Endothelium-derived Relaxing Factor/Nitric Oxide Synthase," <i>The American Society for Biochemistry and Molecular Biology, Inc.</i> , 267(21): 14519-14522 (1991).

EXAMINER

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INFORMATION DISCLOSURE CITATION IN AN APPLICATION May 25, 2000 (Use several sheets if necessary)		APPLICANT John C. Salerno	
		FILING DATE September 16, 1999	GROUP 1642
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)			
KAC	AX2	Lamas, S., et al., "Endothelial nitric oxide synthase: Molecular cloning and characterization of a distinct constitutive enzyme isoform," <i>Proc. Natl. Acad. Sci. USA</i> , 89: 6348-6352 (1992).	
	AY2	Xie, Q., et al., "Cloning and Characterization of Inducible Nitric Oxide Synthase from Mouse Macrophages," <i>Science</i> , 256: 225-228 (1992).	
	AZ2	Lowenstein, C., et al., "Cloned and expressed macrophage nitric oxide synthase contrasts with the brain enzyme," <i>Proc. Natl. Acad. Sci. USA</i> , 89: 6711-6715 (1992).	
	AR3	Marletta, M., "Nitric Oxide Synthase: Aspects Concerning Structure and Catalysis," <i>Cell</i> , 78: 927-930 (1994).	
	AS3	Lyons, C., et al., "Molecular Cloning and Functional Expression of an Inducible Nitric Oxide Synthase form a Murine Macrophage Cell Line," <i>The Journal of Biological Chemistry</i> 267(9): 6370-6374 (1992).	
	AT3	Nathan, C., et al., "Nitric Oxide Synthases: Roles, Tolls, and Controls," <i>Cell</i> , 78: 915-918 (1994).	
	AU3	Schmidt, H., et al., "NO at Work," <i>Cell</i> , 78: 919-925 (1994).	
	AV3	Stamler, J., "Redox Signaling: Nitrosylation and Related Target Interactions of Nitric Oxide," <i>Cell</i> , 78: 931-936 (1994).	
	AW3	Burgess, W.H., et al., "Possible Dissociation of the Heparin-binding and Mitogenic Activities of Heparin-binding (Acidic Fibroblast) Growth Factor-1 from Its Receptor-binding Activities by Site-directed Mutagenesis of a Single Lysine Residue," <i>J. Cell Biol.</i> , 111 :2129-2138 (1990).	
	AX3	Tao, M-H. and Morrison, S.L., "Studies of Aglycosylated Chimeric Mouse-Human IgG: Role of Carbohydrate in the Structure and Effector Functions Mediated by the Human IgG Constant Region," <i>J. Immunol.</i> , 143(8) :2595-2601 (1989).	
	AY3	Lazar, E., et al., "Transforming Growth Factor α : Mutation of Aspartic Acid 47 and Leucine 48 Results in Different Biological Activities," <i>Mol. Cell. Biol.</i> , 8(3) :1247-1252 (1988).	
	AZ3	Wood, E.R., et al., "Hepatocytes and Macrophages Express an Identical Cytokine Inducible Nitric Oxide Synthase Gene," <i>Biochem. Biophys. Res. Commun.</i> , 191(3) :767-774 (1993).	
	AR4	Xue, C., et al., "Expression of Nitric Oxide Synthase Immunoreactivity by Interstitial Cells of the Canine Proximal Colon," <i>J. Autonomic Nervous System</i> , 49 :1-14 (1994).	
✓	AS4	Palacios, M., et al., "Chlorpromazine Inhibits Both the Constitutive Nitric Oxide Synthase and the Induction of Nitric Oxide Synthase After LPS Challenge," <i>Biochem. Biophys. Res. Commun.</i> , 196(1) :280-286 (1993).	
EXAMINER		DATE CONSIDERED	
Karen A. Garella		12/7/01	

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APPLICANT
John C. Salerno

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GROUP
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KAC	AT4	Wolff, D. J., et al., "Calmodulin-dependent Nitric-oxide Synthase," <i>J. Biolog. Chem.</i> , 268(13) : 9425-9429 (1993).
	AU4	Nakane, M., et al., "Novel Potent and Selective Inhibitors of Inducible Nitric Oxide Synthase," <i>Mol. Pharm.</i> , 47(4) : 831-834 (1995).
	AV4	Watanabe, Y., et al., "Identification of a Specific Amino Acid Cluster in the Calmodulin-binding Domain of the Neuronal Nitric Oxide Synthase," <i>FEBS Letters</i> , 403(1) : 75-78 (1997).
✓	AW4	Mayer, B., et al., "A Synthetic Peptide Corresponding to the Putative Dihydrofolate Reductase Domain of Nitric Oxide Synthase Inhibits Uncoupled NADPH Oxidation," <i>Nitric Oxide</i> , 1(1) : 50-55 (1997).

EXAMINER

Karen G. Canella

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